

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80522-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10012168 -1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John G. Apostolopoulos et al

Confirmation No.: 9591

Application No.: 09/898650

Examiner: N/A

Filing Date: Jul 03, 2001

Group Art Unit: 2661

Title: System And Method For Receiving Multiple Description Media Streams In Fixed And Mobile Streaming Media Systems

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

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Technology Center 2600

Sir:

This Information Disclosure Statement is submitted:

- () under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:
(X) Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e), and
() a petition under 37 CFR 1.97(d)(2), and
() a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

- (X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231. Date of Deposit: Feb. 10, 2003

OR

- () I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____ Number of pages: _____

Typed Name: Ramona J. Zaya

Signature: 

Respectfully submitted,

John G. Apostolopoulos et al

By 

Denise A. Lee

Attorney/Agent for Applicant(s)

Reg. No. 35,931

Date: Feb. 10, 2003

Telephone No.: (650) 236-4868



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STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- () No item of information contained in the Information Disclosure Statement
- was cited in a communication from a foreign patent office in a counterpart foreign application, and
 - to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

John G. Apostolopoulos et al

By

Denise A. Lee

Attorney/Agent for Applicant(s)
Reg. No. 35,931

Date: Feb. 10, 2003

Telephone No.: (650) 236-4868



PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10012168-1

APPLICATION NO.

09/898,650

CONFIRMATION NO.

9591

APPLICANT

John G. Apostolopoulos et al.

FILING DATE

Jul 3, 2001

GROUP

2661

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

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FOREIGN PATENT DOCUMENTS

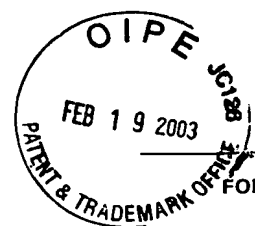
		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	EP0915598A2	5-12-1999	Matsushita Electric		
	1M	EP0671819A2	9-13-1995	ROKE MANOR Research		
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	John G. Apostolopoulos " Error-Resilient Video Compression through the Use of Multiple States" IEEE/O-7809-6297-1/00
	1R	John G. Apostolopoulos " Reliable Video Communication Over Lossy Packet Networks Using Multiple State Encoding and Path Diversity" Visual Communications and Image Processing 2001 SPIE-0277786x/01 pages 392-409
	1S	Amy R. Reibman et al. "Transmission of Multiple Description and Layered Video Over an EGPRS Wireless Network" IEEE/O-7803-6297-7/00

EXAMINER

DATE CONSIDERED



PATENT APPLICATION

Sheet 2 of 2

FORM PTO-1449

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	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	John G. Apostolopoulos " Error-Resilient Video Compression" Proceedings of the SPIE, SPIE, BELL INGHAM, VA US Vol. 3845 September 20, 1999
	2R	
	2S	

EXAMINER

DATE CONSIDERED